

Notice of Allowability**Application No.**

10/015,813

Applicant(s)

KANNO, ISAO

Examiner

Heba Elkassabgi

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/06/2003.
2. ☒ The allowed claim(s) is/are 1-13.
3. ☒ The drawings filed on 23 July 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | 6 <input type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

DETAILED ACTION

Drawings

The drawings objections in the previous office action is withdrawn in view of applicant's amendment to the claims.

Claim Rejections - 35 USC § 112

The 35 USC § 112, second paragraph rejection is withdrawn in view of applicant's amendment to the claims.

Claim Objections

The claim objections in the previous office action are withdrawn in view of applicant's amendment to the claims.

Allowable Subject Matter

Claims 1-13 are allowed over the prior art.

The following is an examiner's statement of reasons for allowance:

In regards to independent claim 1 an electrical generator having a heat conductive plate having the same planar dimensions as the stacked plates and the heat conductive plates formed of a material having a higher heat conductivity than that of the stacked plates. The heat conductive plate abutting against on the stacked plates and

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that a stator bracket is formed of a material having high heat conductivity. The bracket directly attached to the engine block and the conductive plate integral with the stator armature so that the resistance heating within the stator armature is transferred through the conductive plate and the stator bracket to the engine block.

In regards to independent claim 2 prior art does not disclose a generator having a stator armature in which a heat conductive plate having substantially the same planar dimensions as the stacked plates and that the heat conductive plate are formed of a material having a higher heat conductivity than the stacked plates and the heat conductive plate abutting against one of the stacked plates having a high magnetic permeability.

In regards to independent claim 3 prior art does not disclose a generator having a stator armature arrangement in which a heat conductive plate having substantially the same planar dimensions as the stacked plates and the heat conductive plate formed of a material having a higher heat conductivity than the stacked plates. The heat conductive plate abutting against one of the stacked plates having magnetic permeability.

In regards to claim 9 prior art does not disclose a generator having an armature structure in which a series of uniformly spaced radially extended armature legs made of metal having magnetic permeability attached to a similar shaped aluminum plate.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heba Elkassabgi whose telephone number is (703) 305-2723. The examiner can normally be reached on M-Th (6:30-3:30), and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on (703) 308-1371. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

HYE
08/18/03


BURTON S. MULLINS
PRIMARY EXAMINER